IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Soodesh Buljore Group Art Unit: Unknown Examiner: Unknown Application No.: Unknown Date Filed: September 28, 2004 Batch No .: Unknown PCT/EP03/04185 Intl. Filing Date: April 18, 2003 Intl. Appl. No.: Title: WIRELESS COMMUNICATION USING MULTI-TRANSMIT MULTI-RECEIVE ANTENNA ARRAYS INFORMATION DISCLOSURE STATEMENT (IDS) **Assistant Commissioner For Patents** Washington, D.C. 20231 SIR: In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office. **COPIES** I. A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which a. 🖂 caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith. b.□ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120: U.S. Serial Number U.S. Filing Date II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box) Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required). ъ. П A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows: The following additional information is provided for the Examiner's consideration: c. 🔲 **CROSS REFERENCE TO RELATED APPLICATION(S)** The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122. Serial No. Filing Date Art Unit **FEES** IV. 🖂 THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box) within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required. within three months of the date of entry of the national stage as set forth in § 1.491 in an b. 🗌

THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) v. □

statement is required.

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d.□

international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.

examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.

before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or

before the mailing date of a first Office Action after the filing of a request for continued

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before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).

a.

No statement; therefore, charge deposit account 502117 the fee set forth in 37 C.F.R. §1.17(p).

b.

See the statement below. No fee is required.

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| | a. [] b. [] | No statement; therefore, charge deposit account 502117 the fee set forth in 37 C.F.R. §1.17(p). See the statement below. No fee is required. |
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| √I. 🔲 | | OS IS BEING FILED UNDER 37 C.F.R. §1.97(d): |
| | | fore payment of the issue fee and is accompanied by the following: |
| | 1) | a statement under 37 C.F.R. §1.97(e) as provided below; and |
| | 2) | charge deposit account 502117 the petition fee set forth in §1.17(p). |
| VII. 🔲 | | MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable) |
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| | a | each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or |
| | b. 🔲 | no item of information contained in the IDS was cited in a communication from a foreign Patent |
| | | Office in a counterpart foreign application, and to knowledge of the person signing the statement |
| | | after making reasonable inquiry, no item of information contained in the IDS was known to any |
| | | individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this |
| | | statement, or |
| | c. 🗌 | some of the items of information contained in the IDS were cited in a communication from a |
| | | foreign Patent Office. As to this information, the undersigned states that each item of information |
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| | | foreign application not more than three months prior to the filing of this IDS. As to the remaining |
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| | | the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign |
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| | | application or, to the knowledge of the person signing the statement after making reasonable |
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| VIII. | PAYMI | ENT OF FEES |
| | | A check in the amount of is enclosed for the above-identified fee(s). |
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The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

Commissioner is hereby authorized to credit or debit Deposit Account 502117

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If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 502117.

Respectfully submitted, Soodesh Buljore

MOTOROLA, INC. Customer Number 22917

Enclosures:

Information Disclosure
Statement by Applicant

References

Foreign Search Report

Other:

Attorney for Applicant(s)

Reg. No. 44,798

Telephone No.: 847/576-5562

Fax No.: 847/576-3750



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| IN | FORMATION DISCLO | SURE | Application Number | 10/509/66 |
| STATEMENT BY APPLICANT | | | Filing Date | September 28, 2004 |
| | | | First Named Inventor | SOODESH BULJORE |
| | | | Group Art Unit | UNKNOWN |
| (use as many sheets as necessary) | | | Examiner Name | UNKNOWN |
| Sheet of | | Attorney Docket Number | CR00556P | |
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| | L es | | | | | PATENT DOCUMENTS | | | |
|-----------------------|--|--|---|----------|---|--------------------------------|--|---|---------------|
| Examiner Initials* | Cite No. ¹ | Number | U.S. Patent Document Number Kind Code ² (if known) | | Name of Patentee or Applicant of Cited Document | | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Wi Relevant Passages or Relev Figures Appear | |
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| Initials* | No. ¹ | Office ³ | Number ⁴ | | d Code ² nown) | Applicant of Cited Document | Publication of Cited Document MM-DD-YYYY | Where Relevant Passages or Relevant Figures Appear | |
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¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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| | | | Application Number | 10,303,00 | | | |
| INFO | RMATION DISCLOSU | RE | Filing Date | SEPTEMBER 28, 2004 | | | |
| STATEMENT BY APPLICANT | | | First Named Inventor | SOODESH BULJORE | | | |
| | | | Group Art Unit | UNKNOWN | | | |
| (use as many sheets as necessary) | | | Examiner Name | UNKNOWN | | | |
| Sheet | of | | Attorney Docket Number CR00556P | | | | |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---|---------------|---|----|--|--|--|
| Examiner Initials* | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² | | | |
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.